

## ABSTRACT

Disclosed are systems and methods which provide call processing for a plurality of telephones at a site for which calling services are provided. Call control functionality is distributed to remote locations using data networks according to embodiments. The aforementioned data networks and/or separate data networks are used to carry call content using voice over Internet protocols (VoIP). Embodiments utilize VoIP to carry calls from a location at which calling services are provided to a centralized call processing platform providing call processing functionality, such as calling party identification, call validation, call routing, and connection to the public switched telephone network (PSTN). PSTN interfacing by a call processing platform may be provided as a VoIP connection to the PSTN and/or as POTS trunking. Call processing platforms may provide for data sharing, aggregation, and/or analysis across multiple facilities served.